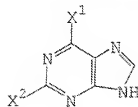


AMENDMENTS TO THE CLAIMS

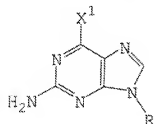
1-3. (Cancelled)

4. (Currently Amended) The production method of claim 1, wherein the reaction is carried out A production method of 2,6-dihalopurine of the formula [II]

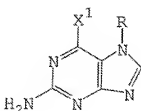


[II]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

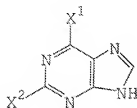


[Ib]

wherein X¹ is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction in the presence of a quarternary ammonium salt.

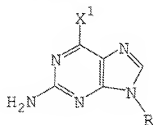
5. (Original) The production method of claim 4, wherein the quarternary ammonium salt is tetraethylammonium chloride or benzy(triethylammonium chloride.

6. (Currently Amended) ~~The production method of claim 1, wherein R is a~~ production method of 2,6-dihalopurine of the formula [II]

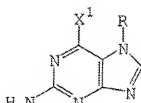


[II]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

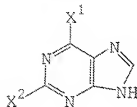


[Ib]

wherein X¹ is a halogen atom and R is an acyl group, with a halosilane compound and an agent for diazo reaction.

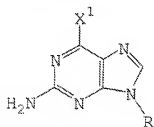
7. (Original) The production method of claim 6, wherein the acyl group for R is acetyl group.

8. **(Currently Amended)** ~~The production method of claim 1,~~ A production method of 2,6-dihalopurine of the formula [II]

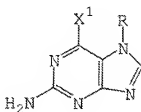


[II]

wherein X¹ and X² are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]

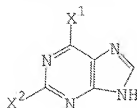


[Ib]

wherein X¹ is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction, wherein the halosilane compound is chlorotrimethylsilane or dichlorodimethylsilane.

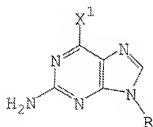
9. **(Cancelled)**

10. **(Currently Amended)** ~~The production method of claim 1,~~ A production method of 2,6-dihalopurine of the formula [II]

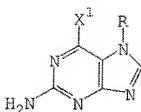


[I I]

wherein X^1 and X^2 are the same or different and each is a halogen atom, which comprises reacting a compound of the formula [Ia] or [Ib]



[Ia]



[Ib]

wherein X^1 is a halogen atom and R is a hydrogen atom or acyl group, with a halosilane compound and an agent for diazo reaction, wherein, after introducing an acyl group into the 9-position or the 7-position of compound of the formula [Ia] or [Ib], wherein R is a hydrogen atom, the obtained compound of the formula [Ia] or [Ib], wherein R is acyl group, is reacted with halosilane compound and the agent for diazo reaction.